

Work Order ID 86779

86779

Page 1

July-06-12 2:45:46 PM

Item ID: D3305-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Cushion
 Start Date: 7/06/12 Start Qty: 20.00 *20* Cust Item ID:
 Required Date: 8/10/12 Req'd Qty: 20.00 *20* Customer:
 Reference:

Approvals: Process Plan: Date: 12/07/11 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3305	Rev B								

100 PURCHASING 0.00
 100
 Purchasing Memo 0.00
 Purchasing Issue P/O: 17420 Manufacture as per Dwg D3305 Possible
 Supplier: Aerotex Interiors Material release note is required

CL 12/07/11 20

110 Receive & Inspect for Damage & Mat'l Certs 0.00
 110
 Packaging Memo 0.00
 Packaging Ensure Material Release Note is attached

12/1/12 3 (20)

120 QC6- Inspect dimensions to drawing 0.00
 120
 QC Memo 0.00
 Quality Control

DAS 16 12/4/25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86779***86779***

Page 2

July-06-12 2:45:46 PM

Item ID: D3305-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cushion

Start Date: 7/06/12

Start Qty: 20.00

20

Cust Item ID:

Required Date: 8/10/12

Req'd Qty: 20.00

20

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: 8/18/12

0.00

130

Packaging

Memo

0.00

Packaging

20X

8/25
12-7-25

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ 12/07/12

MLJ
12-07-25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-06-12 2:45:45 PM

Page 1

Work Order ID: 86779

Parent Item: D3305-1

Parent Item Name: Cushion

Start Date: 7/06/12

Required Date: 8/10/12

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP: A04.09.07New issue KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3305-1P Cushion		Purchased	No			110	Each	0.0000	1	20		12/1/23 (20)	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

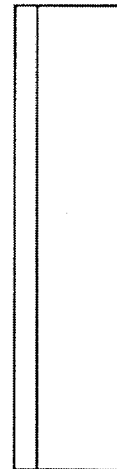
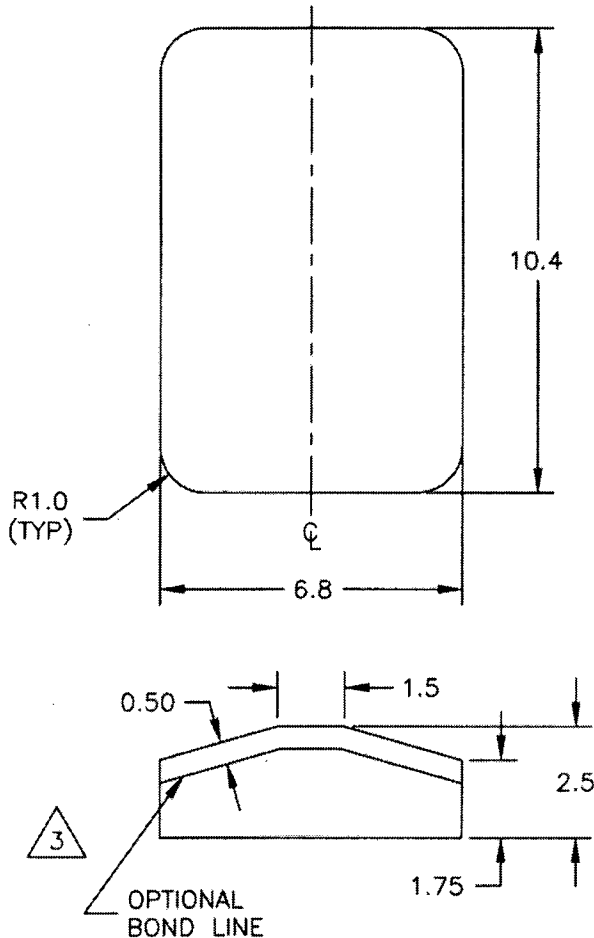
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

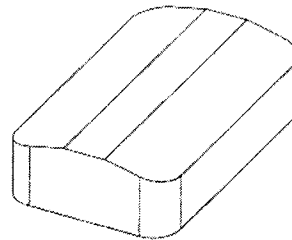
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3305	REV. B SHEET 1 OF 1
DATE 04.10.14		TITLE CUSHION	SCALE NTS
A	04.08.18	NEW ISSUE	
B	04.10.14	ADD BONDING SPEC.	

RELEASED
04.10.15 #



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 86779

pl/2079



D3305-1

D3305-1 NOTES:

- 1) POSSIBLE SUPPLIER: AEROTEX INTERIORS INC.
- 2) MATERIAL: SKANDIA HR150 POLYFOAM (4.6 LBS/CU FT) TO MEET THE BURN TEST REQUIREMENTS OF FAR 29.853a2
- 3) CUSHION MAY BE ASSEMBLED BY BONDING A 0.5" PIECE OF FOAM TO A 2.0" PIECE OF FOAM AS SHOWN ABOVE USING 3M 1300 ADHESIVE (0.002" TO 0.010" THICK) I.A.W. MANUFACTURER'S INSTRUCTIONS
- 4) PART IS SYMMETRIC ABOUT CENTERLINE
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17420

Purchase Order Date 7/11/12

PO Print Date 7/11/12

Page Number 1 of 1

Order From :

VC-AER003

AEROTEX INTERIORS INC.
#24-2333 18TH AVENUE N. E.
CALGARY, AB T2E 8T6
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

403 295 8770

403 313 0793

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
07/12/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3305-1P	Cushion	7/17/12 Yes	20.00 Each	FedEx PI collect	\$40.0000	\$800.00

Special Inst: AS PER DWG D3305 REV. B
B86779

PO Total:

\$800.00

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 1

Change Date: 7/11/12



AEROTEX

151-2340 Pegasus Way NE
Calgary, AB T2E 8M5
Tel: 403.295.8770 FX: 403.313.0793
EM: info@aerotex.ca WS: www.aerotex.ca

Packing Slip

Date Packing Slip

7/19/2012 8781

Ship:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA

Bill:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7
CANADA

Customer Phone
613.632.5200

Customer Fax
613.632.1053

Carrier
FEDEX P1

Courier Acct No.
151793240

Email: PURO ACCT 1-7684382

Ship Date 7/12/2012

7/12/2012

17420

Quantity	Description	Part Number	Unit Price
DART	HEAD REST CUSHION AS PER DWG. D3305 GST On Sales	D3305-1P	20

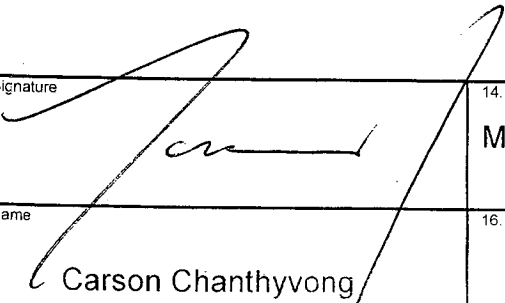
Thank you for doing business with Aerotex Interiors!

GST/HST No.

139110308

"your one stop shop for all your aircraft interior needs"

www.aerotex.ca

1. Organization issuing certificate. Aerotex Interiors Inc., 24 - 2333 18 Ave NE Calgary, AB T2E 8T6		2. CERTIFICATE OF CONFORMANCE			3. Work Order / Contract / Invoice 8781
4. Customer Name Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7 Canada					5. Customer Purchase Order 17420
6. Item 1	7. Description Polyfoam DAG 16 2-89 17/6/12	8. Part No./Specification HR150	9. Qty. 10	10. Batch No. 5033	11. Status NEW
12. Remarks I certify that the materials supplied for the Purchase Order listed above conform to Aerotex Interiors's material/process specification and are in all respects in conformance with the contract requirements. I further certify that items have been fabricated to established specification to confirm with DWG NO. D3305					
13. Signature 		14. Title Manager			
15. Name Carson Chanthyvong		16. Date July 19, 2012			



SKANDIA

5000 N. Highway 251 ■ Davis Junction, IL 61020
815.393.4600 ■ 800.945.7135
www.SkandiaInc.com

Client: Skandia (Products)
5000 N. Hwy. 251
Davis Junction IL 61020 USA

WO #: 177027-08
Date: 02/19/08
Test Plan #:
PO #:

Aircraft:
Stock

S N: NA

Test ID #: 12NW-93054

VERTICAL FLAMMABILITY TEST RESULTS

14 CFR Part 25.853 (a) Amdt 25-116 Appendix F Part I (a)(1)(ii)

Conditioning Room: Time In: 02/18/08 2:30PM Time Out: 02/19/08 3:21PM

Specimen: Skandia, Inc.: HR Polyurethane Foam 150 ILD 1-2". Lot #02118-11150

Flame Application (seconds)	Flame Time (seconds)	Burn Length (inches)	Dripping (seconds)
12	0.0	3.2	0.0
12	0.0	3.6	0.0
12	0.0	3.1	0.0
Average:	0.0	3.3	0.0


Comments:

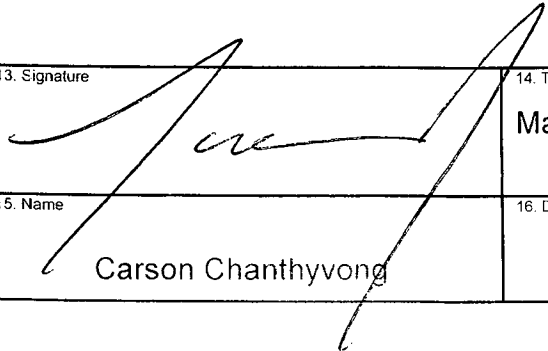
Vertical 12 sec. Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 8". Average Dripping may not exceed 5 sec. after falling.

Passed: ☒

Failed: ☐

Signed:


Carin Demus

1. Organization issuing certificate Aerotex Interiors Inc., 24 – 2333 18 Ave NE Calgary, AB T2E 8T6		2. CERTIFICATE OF CONFORMANCE			3. Work Order / Contract / Invoice 8781
4. Customer Name Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7 Canada					5. Customer Purchase Order 17420
6. Item	7. Description	8. Part No./Specification	9. Qty.	10. Batch No.	11. Status
1	Amerbelle Nylon Packcloth in Dark Gull Grey	420/420 56/44	NA	5065	New
2	Skandia 1" Hook	SBLK1.00H	NA	5049	New
3	Skandia 1" Loop	SBLK1.00L	NA	5049	New
4	Grey Nylon Thread	MIL-VT-295 TYPE II CL A	NA	4822	New
12. Remarks I certify that the materials supplied for the Purchase Order listed above conform to Aerotex Interiors's material/process specification and are in all respects in conformance with the contract requirements. I further certify that items have been fabricated to established specification to confirm with DWG NO. D3306					
13. Signature 		14. Title Manager			
15. Name Carson Chanthyvong		16. Date 12-07-19			

Aug 10 05 03:54p

Beloates Inc

817-485-5014

P.2

08/03/2001 WED 15:22 FAX 9606714237

Main Office

THE AMERBELLE Corporation

TRAVIS TEXTILES
AMERBELLE 12401
3016DYEING • FINISHING • COATING OF SYNTHETIC AND BLEND FABRICS
104 EAST MAIN STREET, P.O. BOX 150, VERNON, CT 06066-0150. TELEPHONE 860-675-3325. FAX 860-675-2139TEST REPORT
LABORATORY QLL. 675

Customer	TRAVIS TEXTILES	Fabric	420/420 56/44 NYLON PACKCLOTH
Customer Lot No.	18880	Specification	MIL-C-7219F Type 3, Class 1, & FAR 25.853B PAGE 1
Amerbelle Lot No.	60125	Testing Completed	NOVEMBER 28, 2001
Color	DARK GULL GREY		
Batch Letter	33579		

TESTS	RESULT OF SAMPLE UNITS	REQUIREMENTS
Fabric Construction (FTM-5050)	60	60 MIN
Ends/inch	146	45 MIN
Picks/inch		
Width, inches FTM-5000	54.12"	AS SPECIFIED
Weight (FTM-5041) oz/sq.yd.	AVG. 8.26	7.25 MAX.
Tensile - Ravel Strip lbs. FTM-5104		
Warp	AVG. 476	325 LBS. MIN.
Filling	AVG. 354	275 LBS. MIN.
Tear Tensile (ASTM-D2261-83) lbs.		
Warp	AVG. 47	20 LBS. MIN.
Filling	AVG. 46	20 LBS. MIN.
Stainfastness to Crocking FTM-5851		
Warp	PASS	3.5
Filling	PASS	3.5
FAR FAR 25.853 B INITIAL REQUIR.		Average not over 15 seconds
Aftertime - Warp, Seconds	PASS	Drippings may not continue to
Aftertime - Filling, Seconds	PASS	flame over 15 seconds after
Aftertime - Average, Seconds	PASS	falling.
FAR FAR 25.853 B INITIAL REQUIR.		
Char Length - Warp, inches	PASS	Average not over 6 inches
Char Length - Filling, inches	PASS	
Char Length - Average, inches	PASS	

I certify that the above test results were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I further certify that these samples were the only samples tested from the lot of components identified above

Signed *Richard Abella*
Richard Abella, Laboratory Manager



5000 N. Highway 251 ■ Davis Junction, IL 61020
815.393.4600 ■ 815.393.3501 (fax)
www.SkandiaInc.com

VERTICAL FLAMMABILITY TEST RESULTS 14 CFR Part 25.853 (a) Amdt 25-116 Appendix F Part I (a)(1)(ii)				Skandia, Inc. WO # 213785-10 Client PO	
Skandia (Products) 5000 N. Hwy. 251 Davis Junction IL 61020 USA				Doc ID: 12NW-223246 Test Plan # Rev	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION					
Make: Stock		Model: N/A		Serial: N/A	
Tail: N/A					
Conditioning Room Data: Date In: 06/10/2010 Time In: 16:00 Date Out: 06/14/2010 Time Out: 09:03					
SPECIMEN MATERIALS					
Skandia, Inc.: 1" BLACK SEW Loop Fastner SABLK1.00L, Lot# 401260-SA					
Set	Flame Application (seconds)	Flame Time (seconds)	Burn Length (inches)	Drip Flame Time (seconds)	
1	12	0.0	1.9	0.0	
2	12	0.0	1.8	0.0	
3	12	0.0	2.3	0.0	
Average:		0.0	2.0	0.0	
Vertical (12 second) Burn Test: Average Self-Extinguish time may not exceed 15 seconds. Average Burn Length may not exceed 8 inches. Average Dripping may not exceed 5 seconds after falling.					
Comments:					
<div style="text-align: right;"><input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed</div> <p>CERTIFICATION: I certify that after testing these specimens, the above results were obtained in accordance with the procedures and equipment specified by Code of Federal Regulations Title 14 Part 25, revised as of January 1, 2004 and the Aircraft Materials Fire test Handbook dated April, 2000.</p>					
Donna J. Parrish -FAA DER				06/14/2010	
WITNESS				DATE	



5000 N. Highway 251 • Davis Junction, IL 61020
815.393.4600 • 815.393.3501 (fax)
www.SkandiaInc.com

VERTICAL FLAMMABILITY TEST RESULTS 14 CFR Part 25.853 (a) Amdt 25-116 Appendix F Part I (a)(1)(ii)				Skandia, Inc. WO # 209825-10 Client PO	
Skandia (Products) 5000 N. Hwy. 251 Davis Junction IL 61020 USA				Doc ID: 12NW-218196 Test Plan # Rev	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION					
Make: Stock		Model: N/A		Serial: N/A Tail: N/A	
Conditioning Room Data: Date In: 02/25/2010 Time In: 13:10 Date Out: 02/26/2010 Time Out: 14:48					
SPECIMEN MATERIALS					
Skandia, Inc.: 1" BLACK SEW Hook Fastner SABLK1.00H, Lot# 396427-SA					
Set	Flame Application (seconds)	Flame Time (seconds)	Burn Length (inches)	Drip Flame Time (seconds)	
1	12	0.0	2.4	0.0	
2	12	0.0	2.5	0.0	
3	12	0.0	2.1	0.0	
Average:		0.0	2.3	0.0	
Vertical (12 second) Burn Test: Average Self-Extinguish time may not exceed 15 seconds. Average Burn Length may not exceed 8 inches. Average Dripping may not exceed 5 seconds after falling.					
Comments:					
<div style="text-align: right;"><input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed</div>					
CERTIFICATION: I certify that after testing these specimens, the above results were obtained in accordance with the procedures and equipment specified by Code of Federal Regulations Title 14 Part 25, revised as of January 1, 2004 and the Aircraft Materials Fire test Handbook dated April, 2000.					
Gary K. Palmer - FAA DER WITNESS				02/26/2010 DATE	